

METHOD OF DETECTING POLARITY REVERSALS  
IN A MAGNETORESISTIVE SENSOR

ABSTRACT OF THE INVENTION

A method is provided for testing a magnetoresistive  
5 sensor for polarity reversal. In one embodiment, the method  
includes: writing a test pattern on a magnetic disk;  
providing a mechanical or thermal stress to the  
magnetoresistive sensor for a period of time; and, comparing  
the polarity of the test pattern before and after the  
10 application of stress.